

0 0 0 0 0 0 0 0 0 0

FIG.1

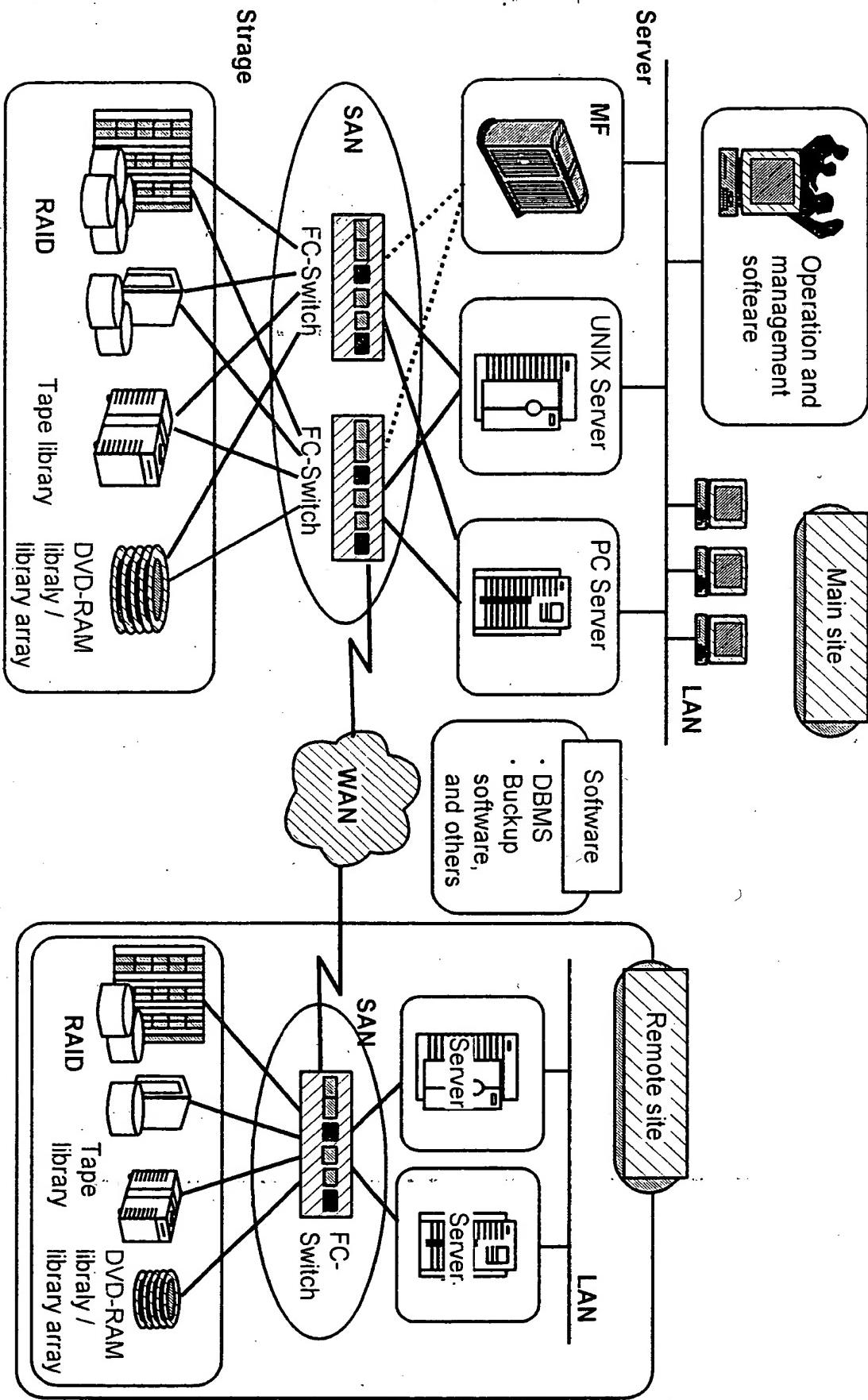


FIG.2

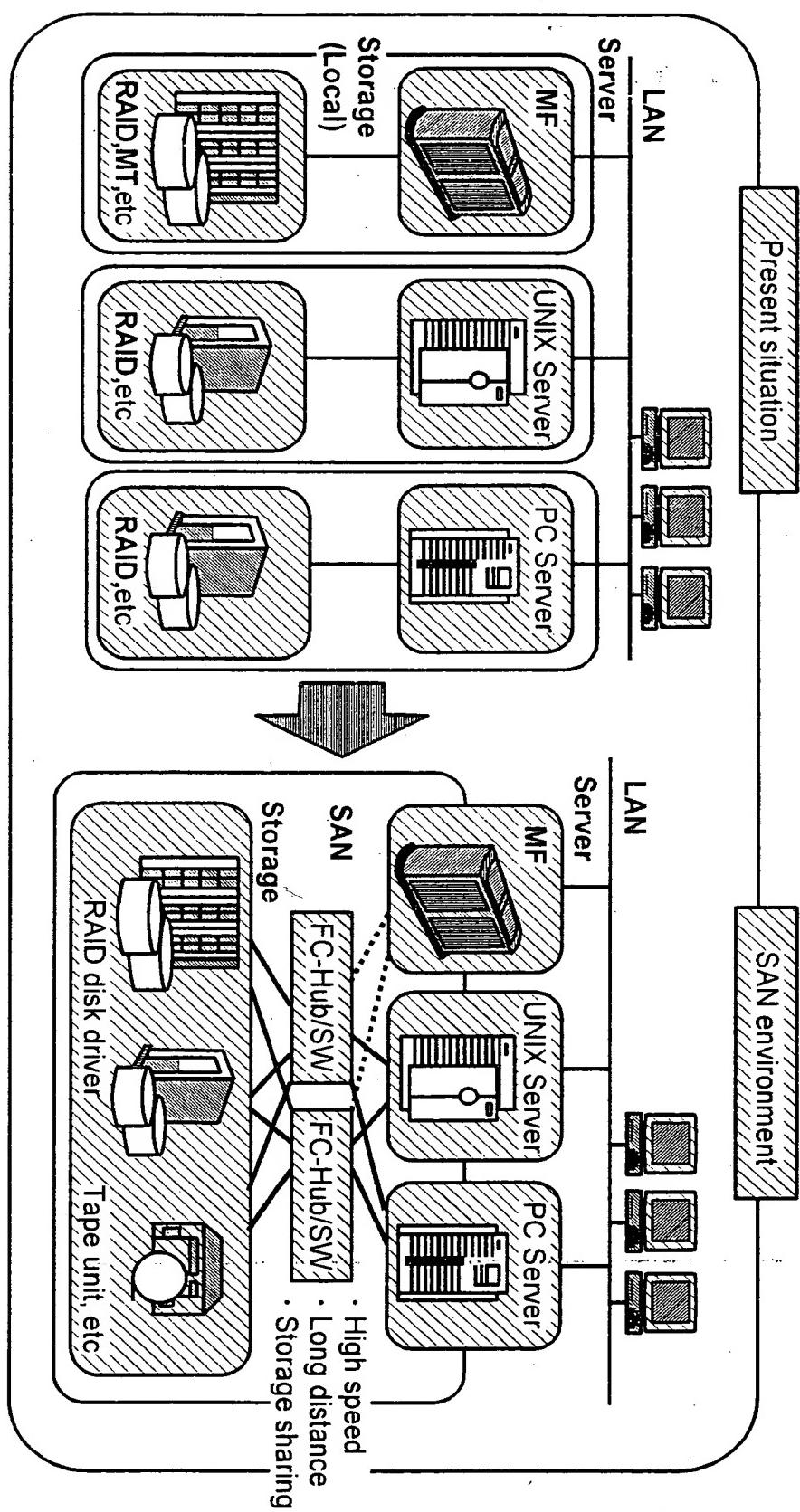


FIG.3

Primary Functions of Integrated Storage System

- Data protection (failure measures, disaster measures)
 - Backup (measures against failures in disk drives)
 - Disaster recovery (measures against disasters such as an earthquake and fire)
- Data Sharing (data sharing)
 - Data exchange and sharing among main frames, UNIX server, and NT servers
 - Processing many kinds of information (DB, documents, drawings, multimedia contents, etc.)
- Storage Management (storage resource management)
 - Unified management of storage resources that multiple departments manage and operate separately
 - Environment set-up and storage operation / management by standardized operations

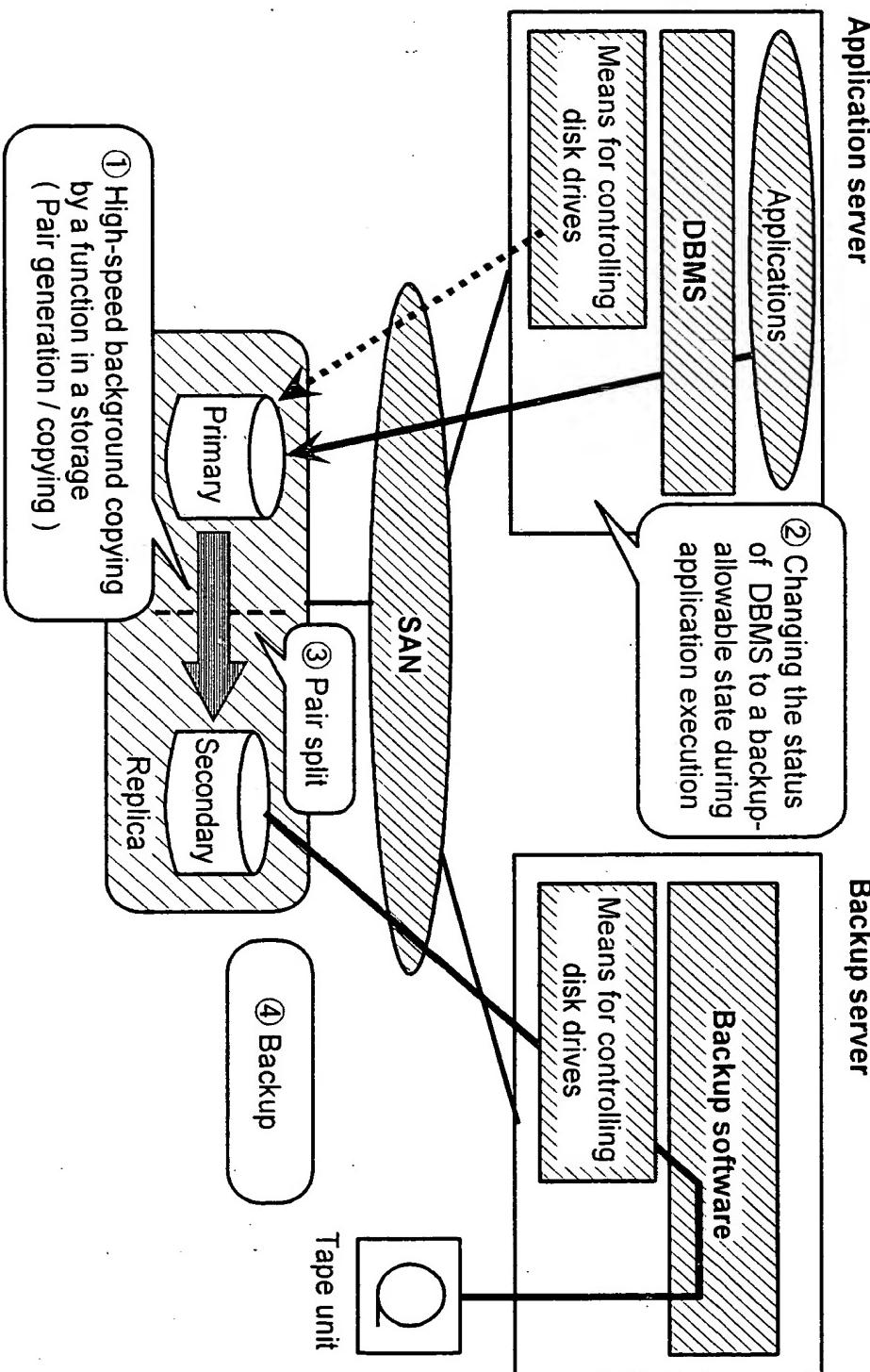
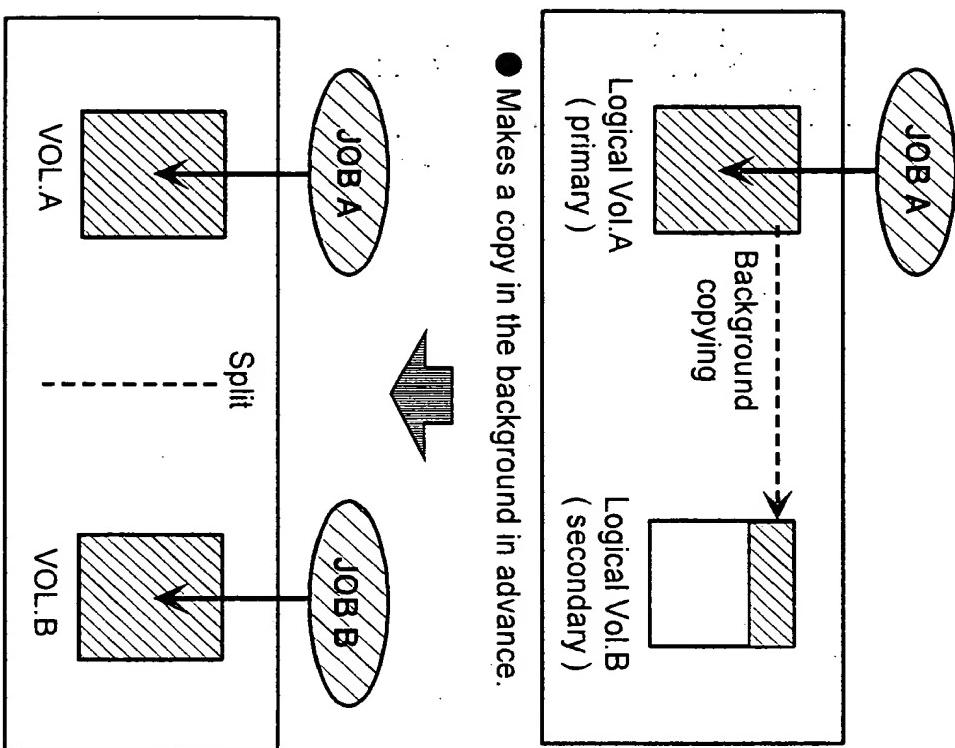
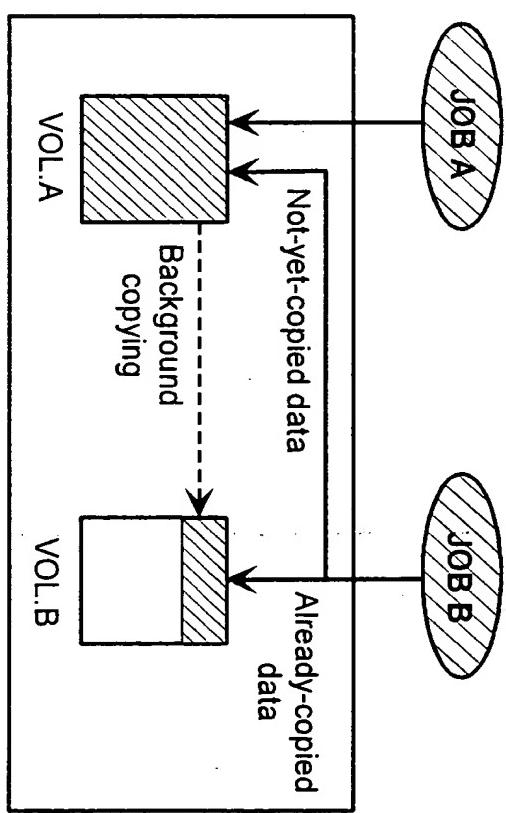
FIG.4

FIG.5a

- Makes a copy in the background in advance.

- After copying is complete, the secondary volume is split and is available for another job to use.

FIG.5b

- Apparently, the secondary volume is split immediately and is available for another job to use.
- Actual data is copied from the primary volume in the background.

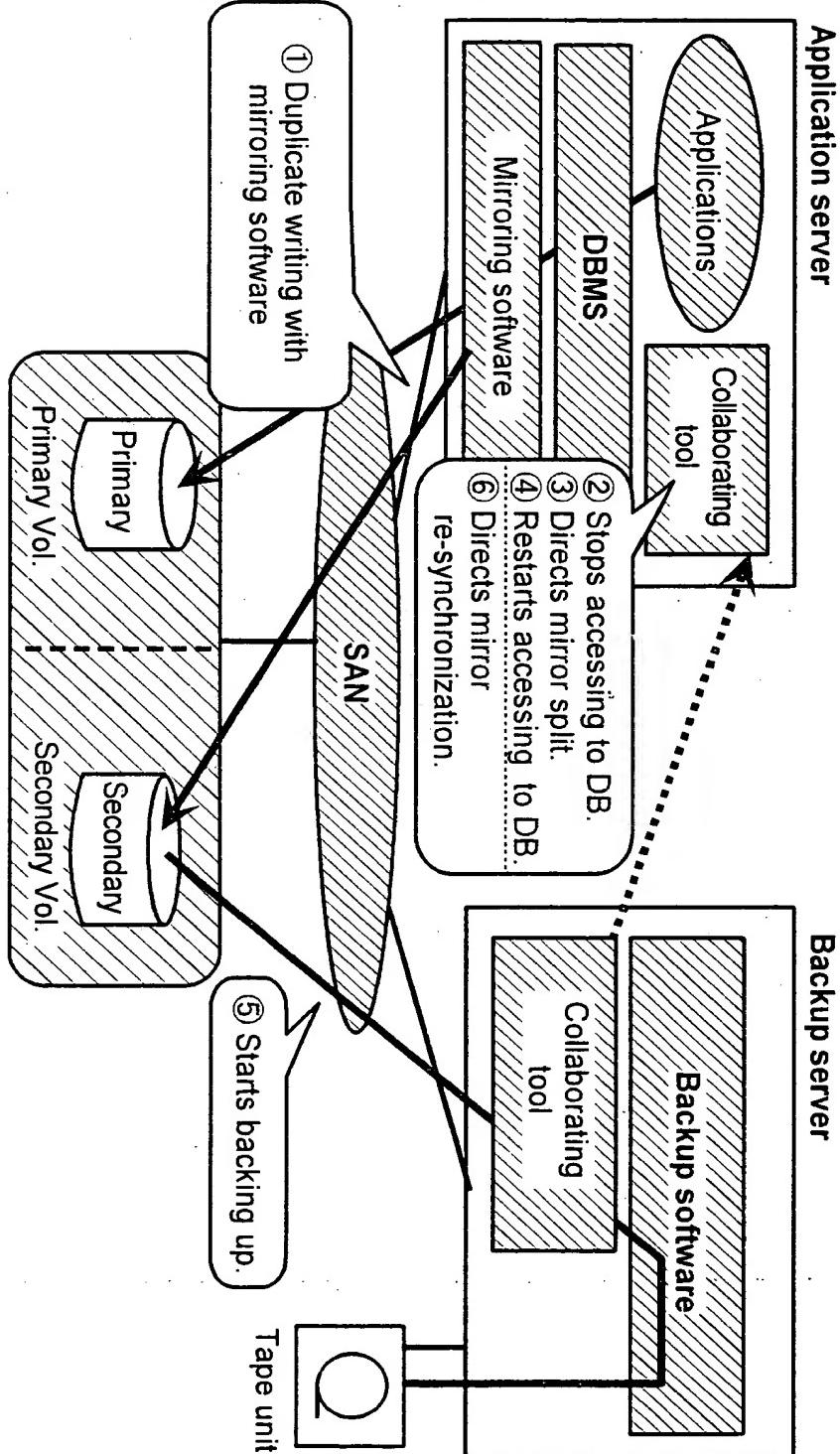
FIG.6

FIG.7

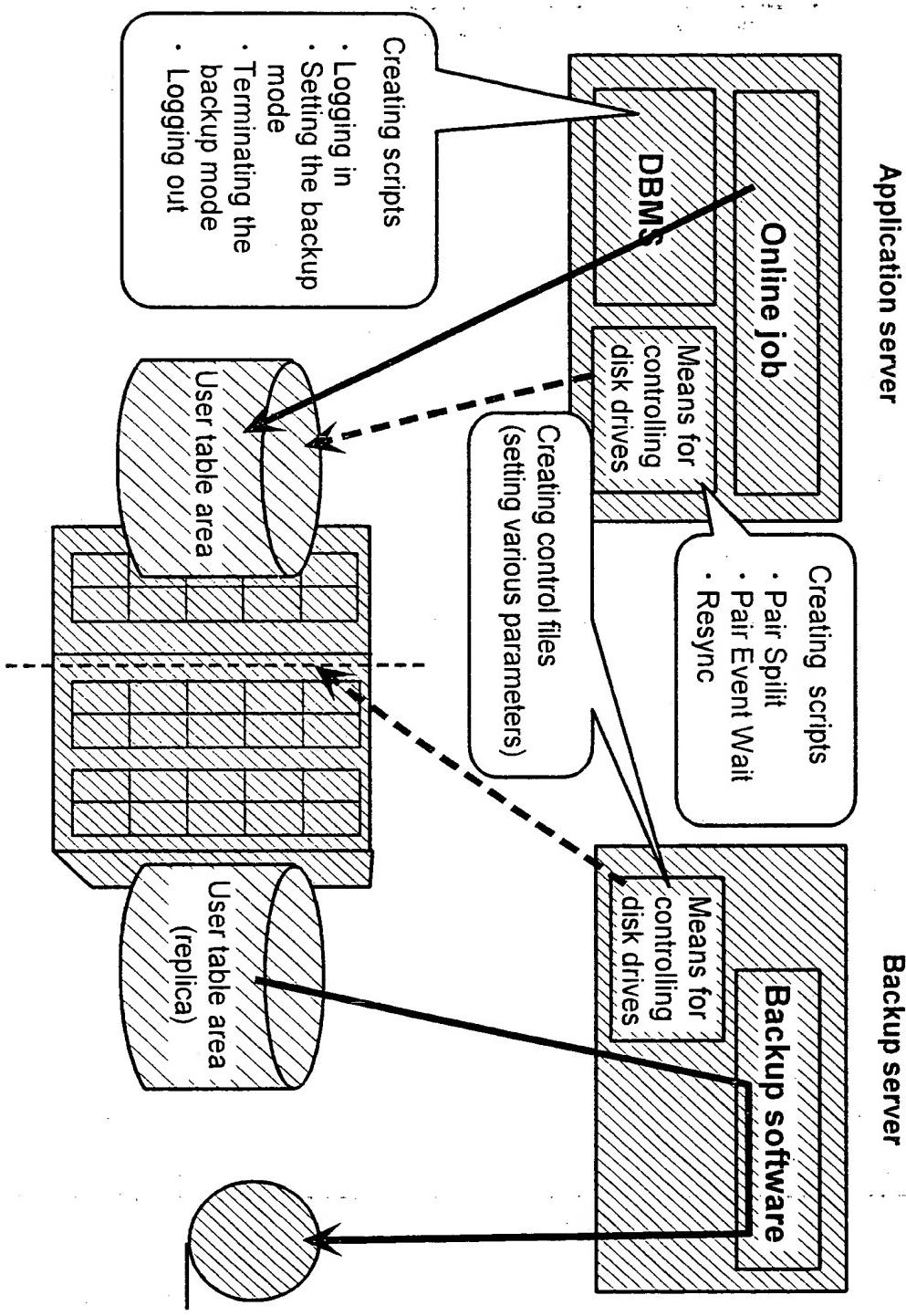


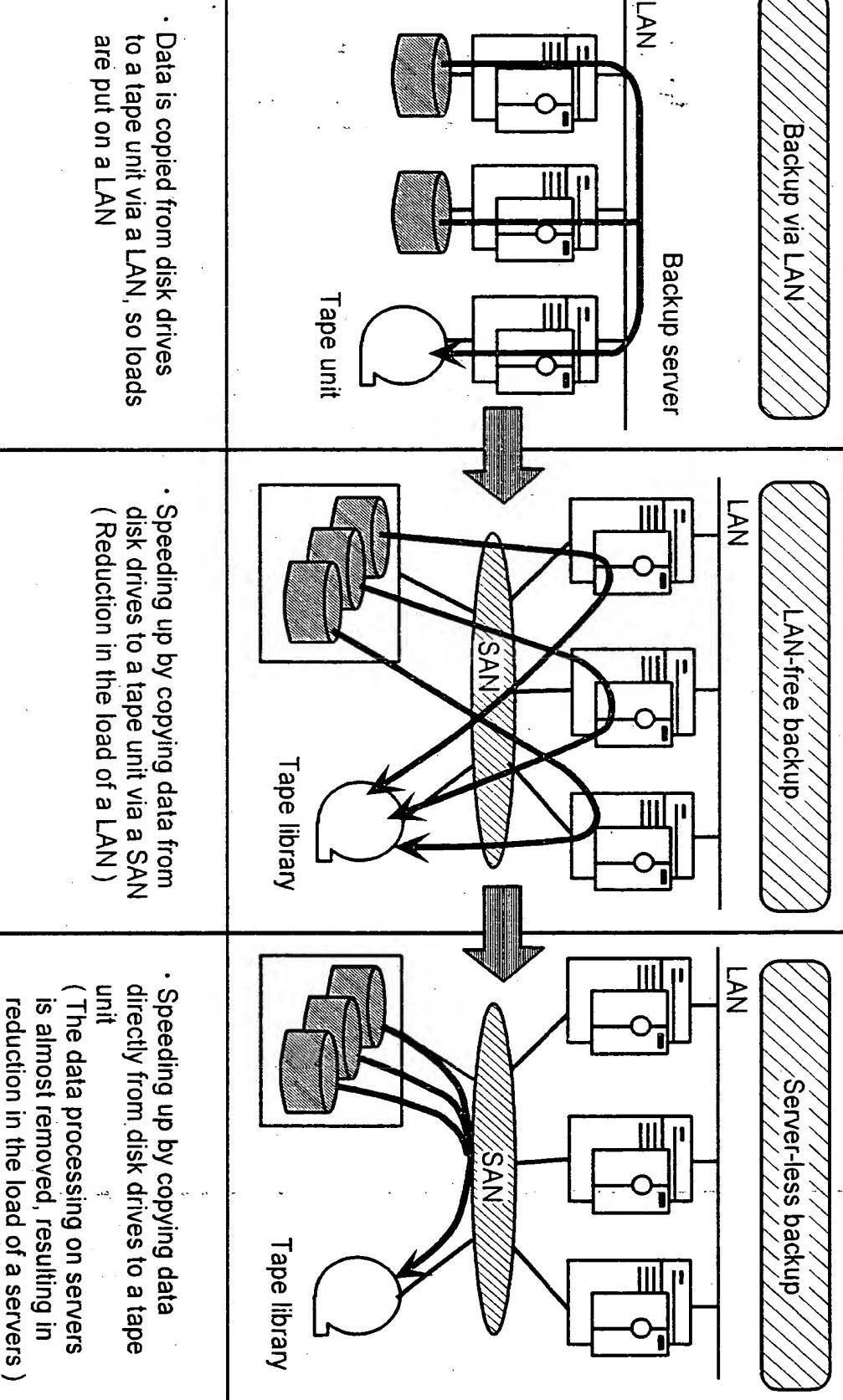
FIG.8

FIG.9

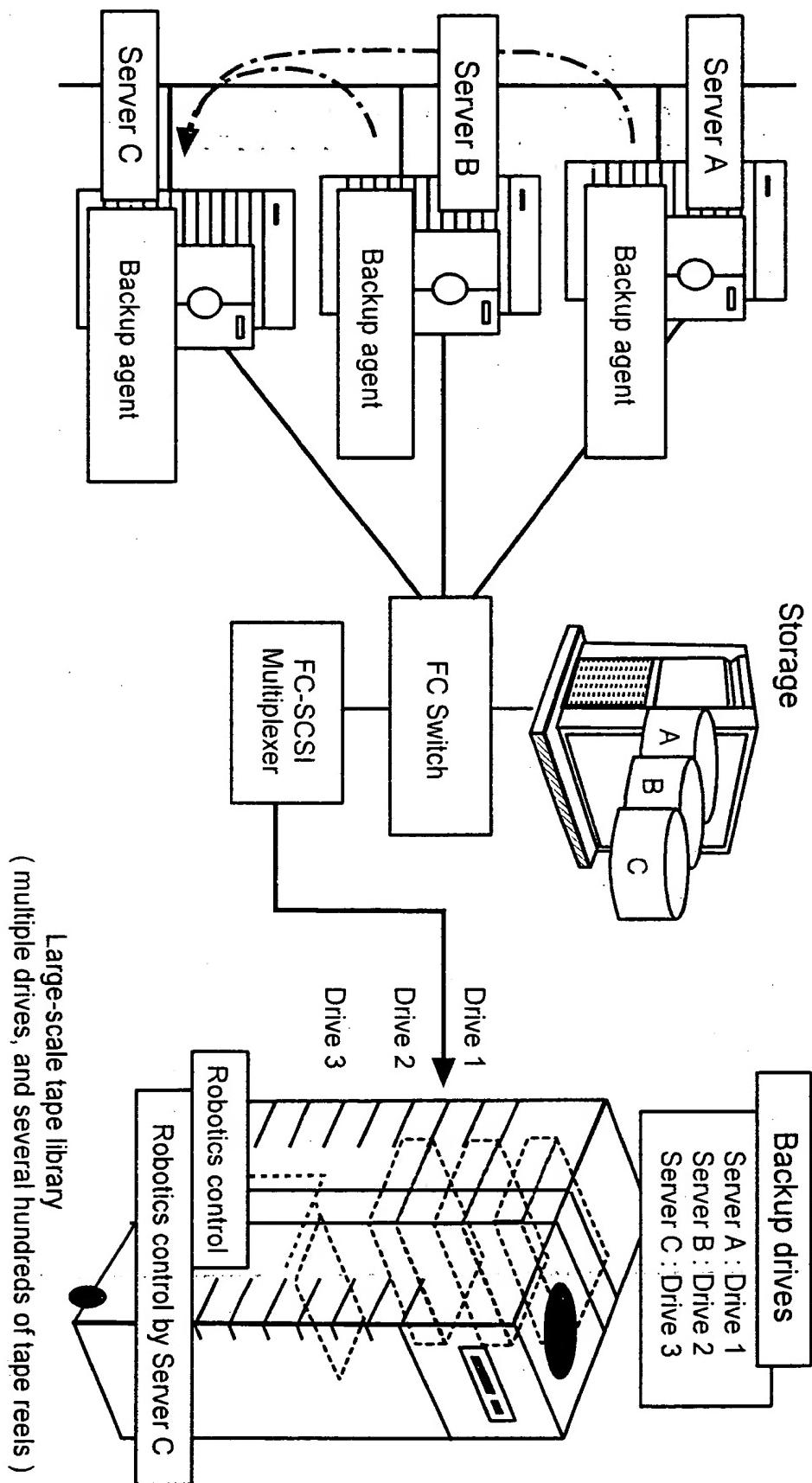


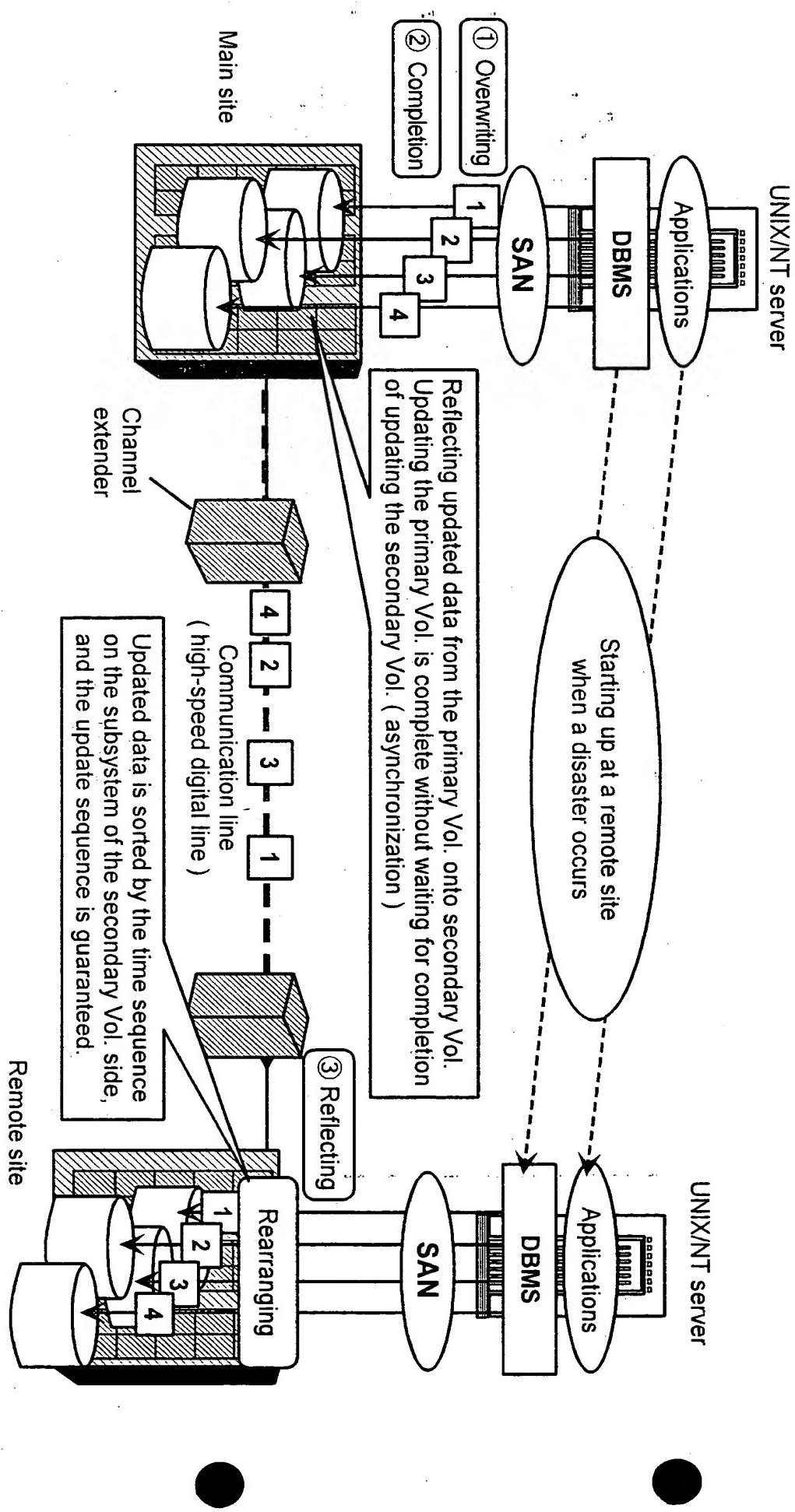
FIG. 10

FIG. 11

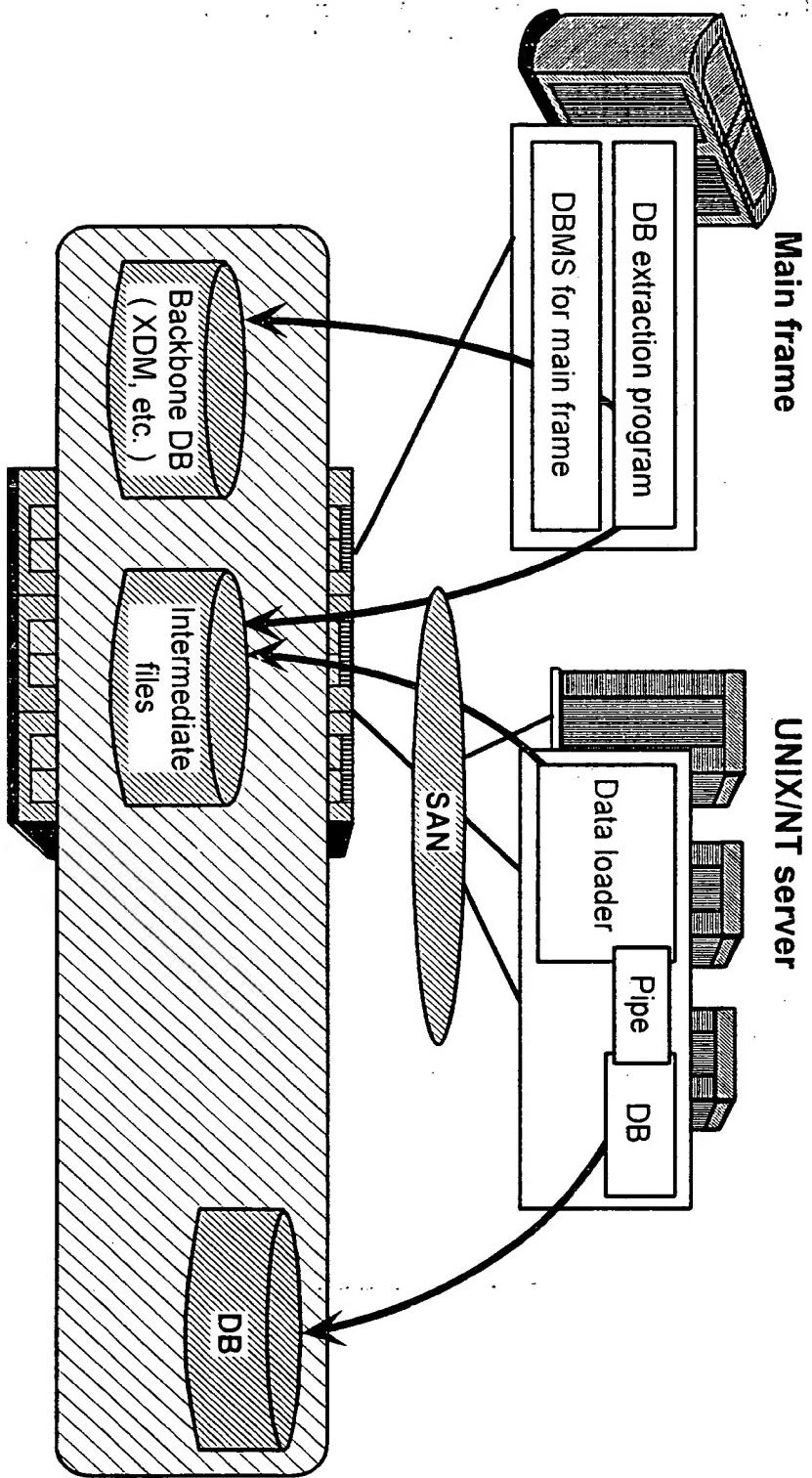


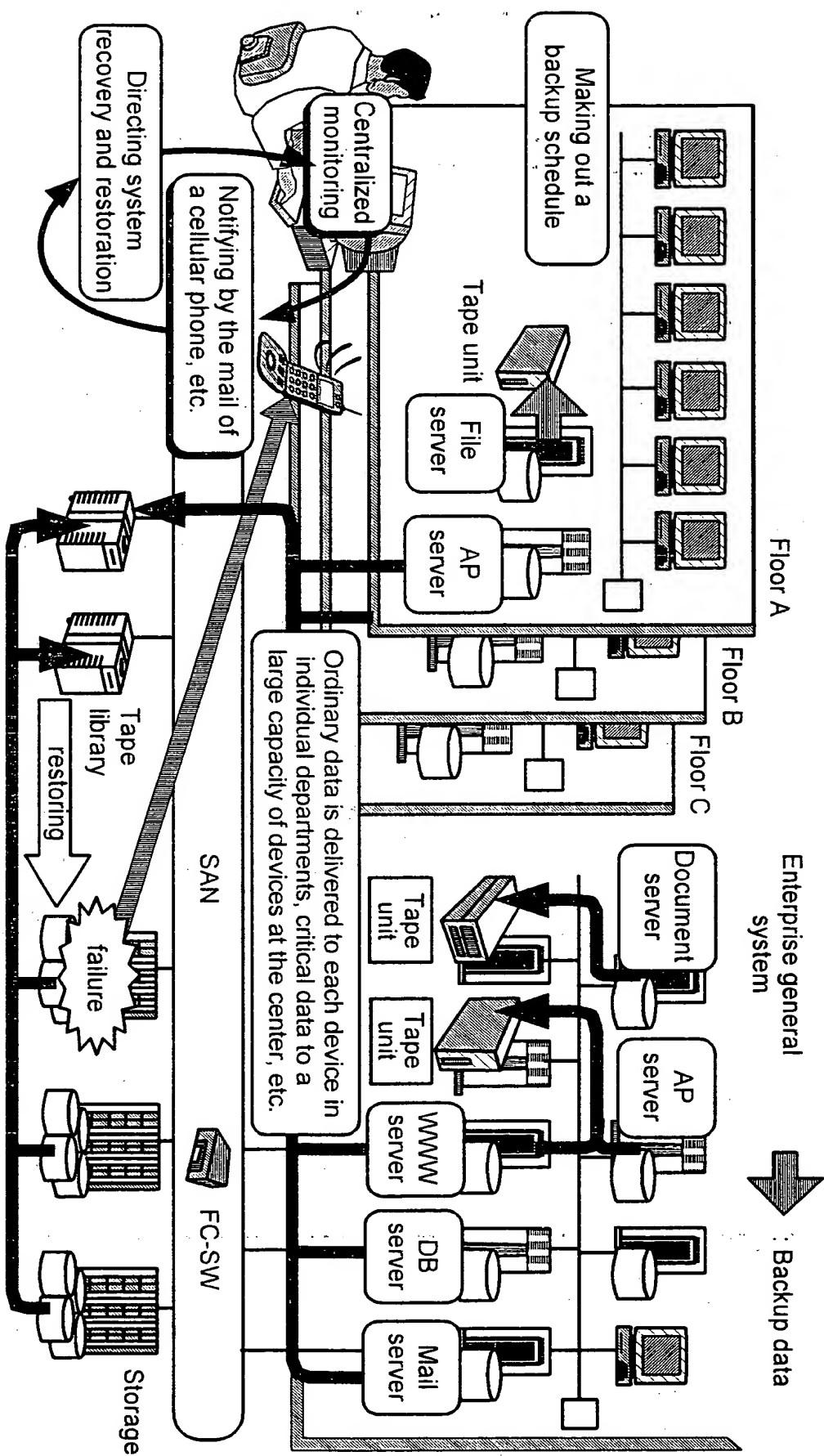
FIG. 12

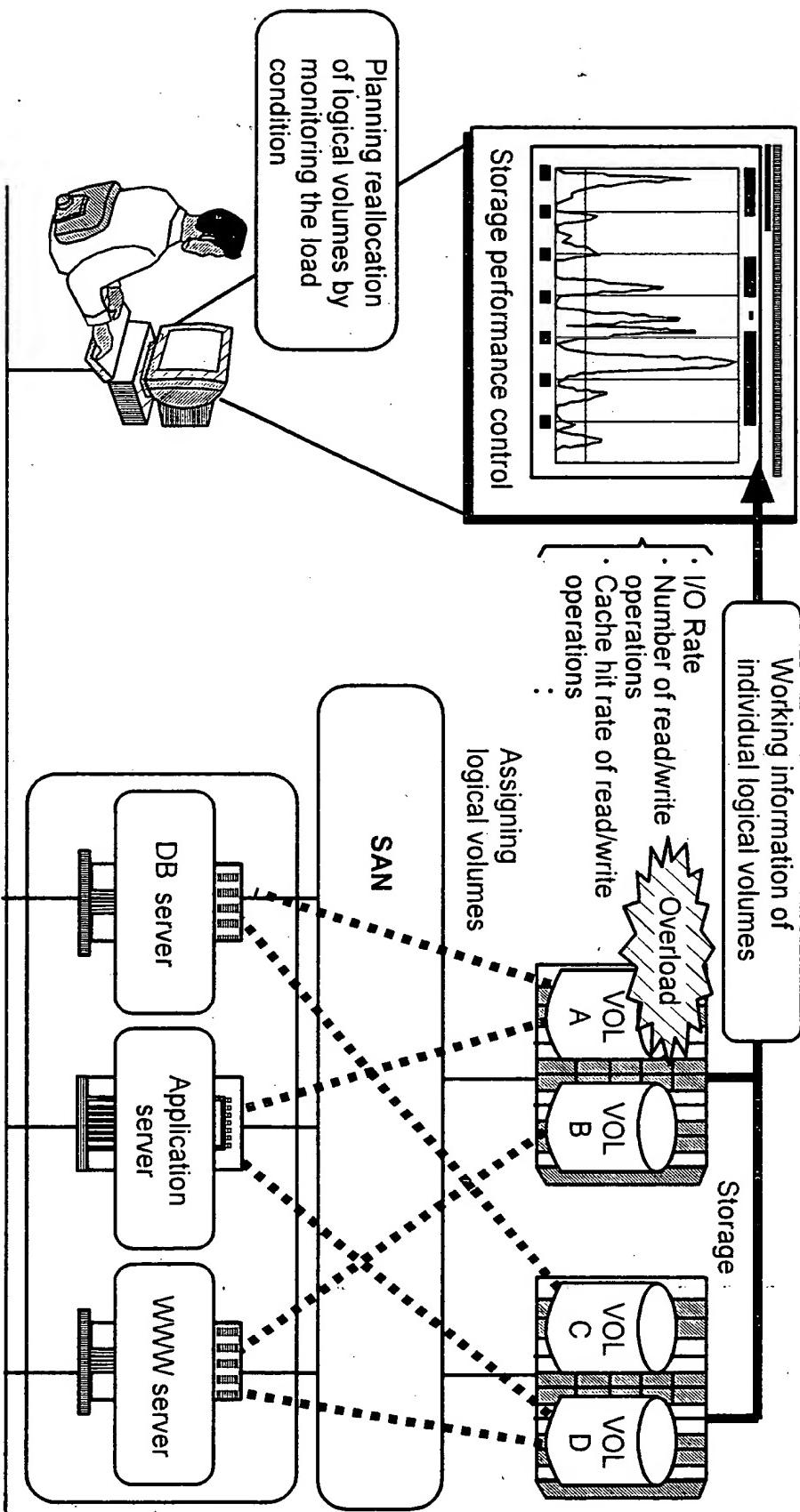
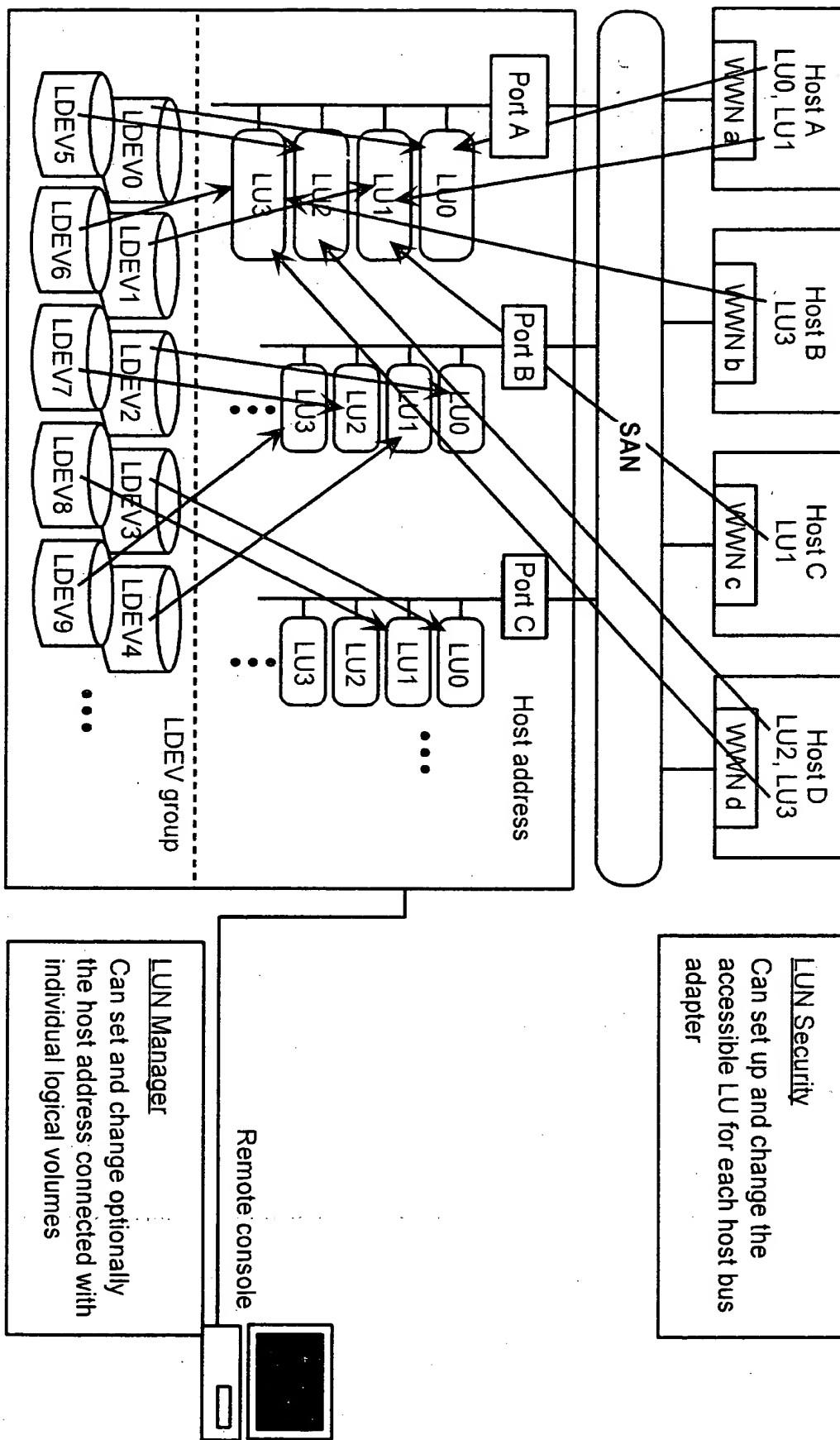
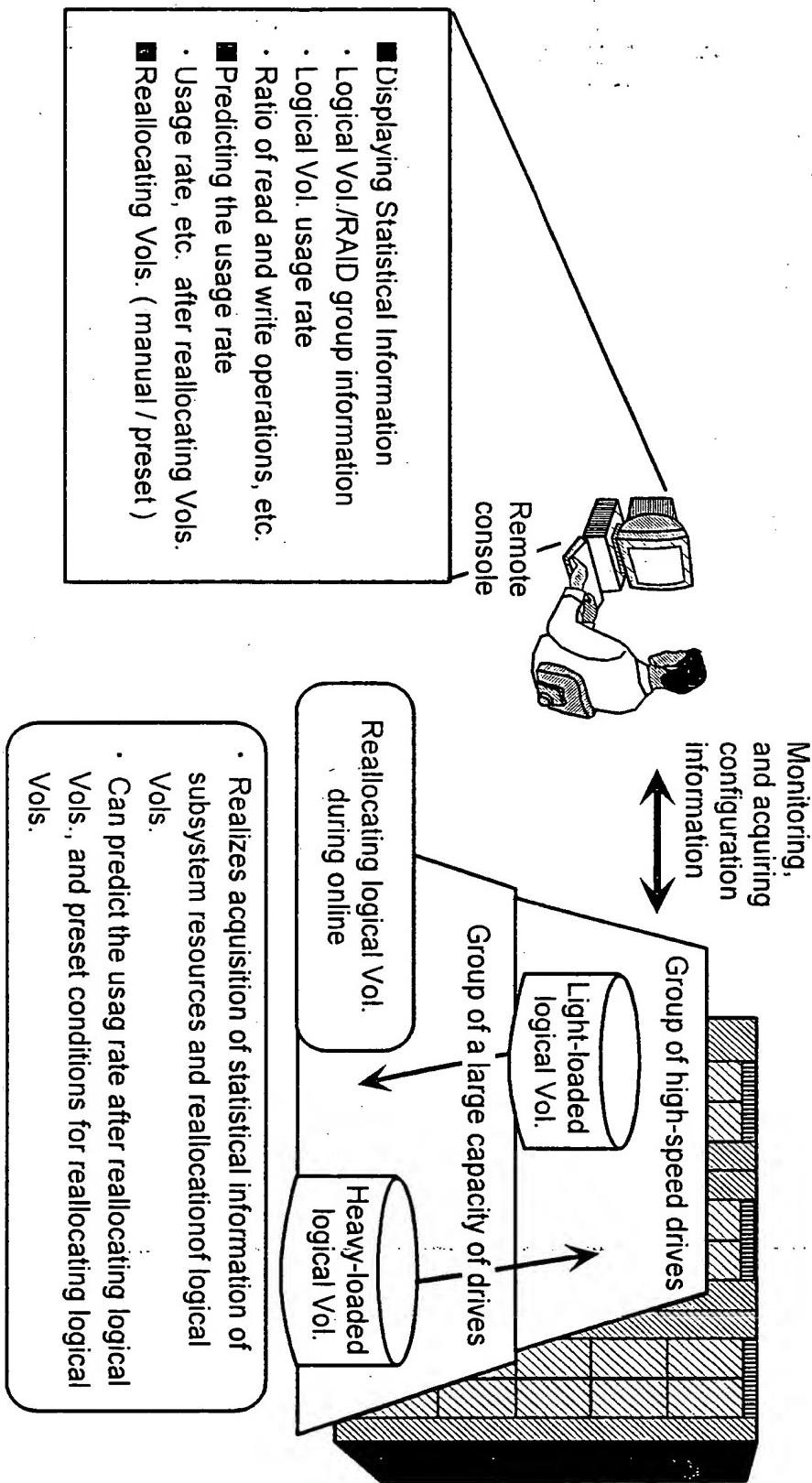
FIG.13

FIG. 14



LUN : Logical Unit Number, LDEV : Logical device management logical volume

FIG.15



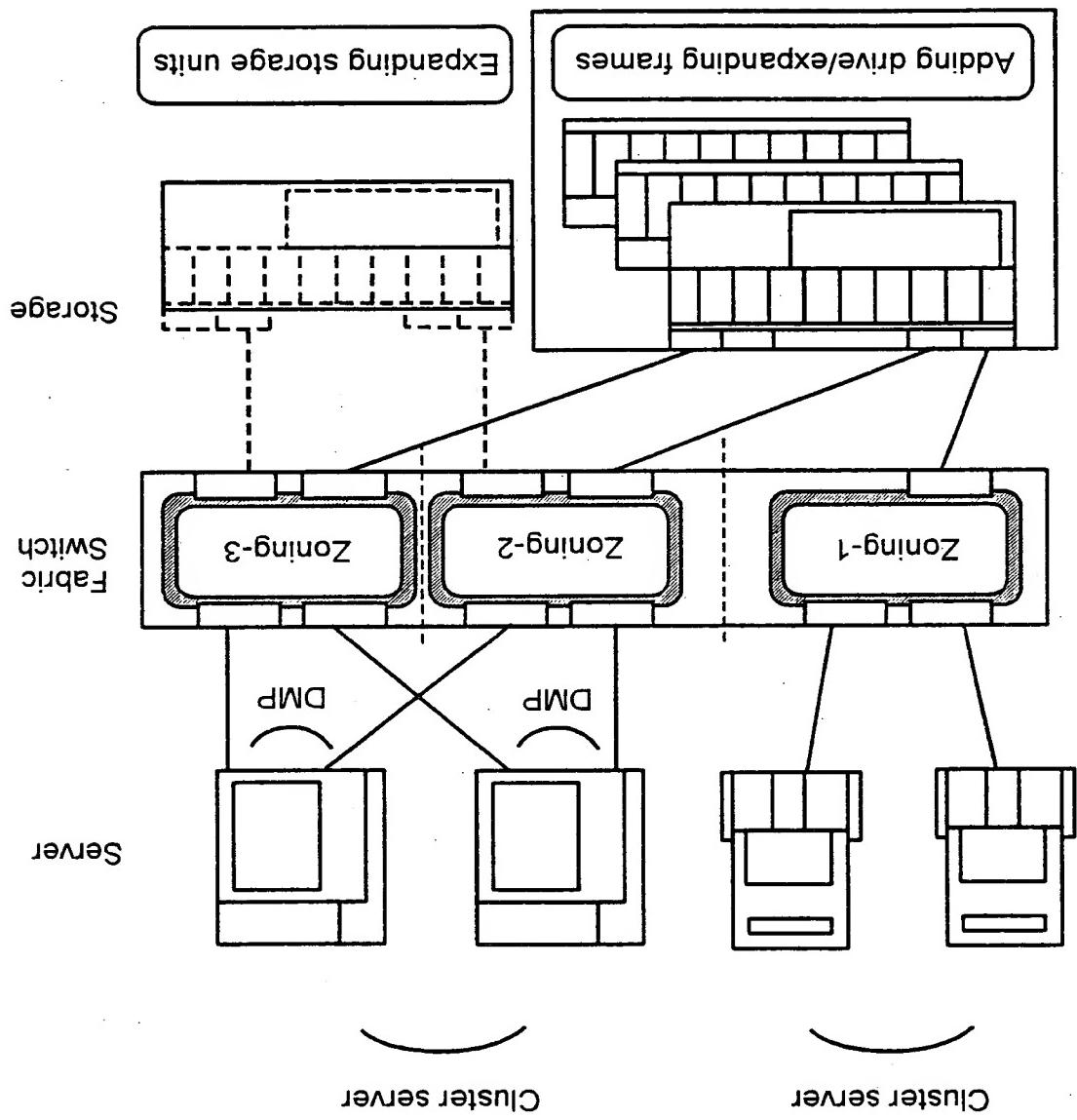
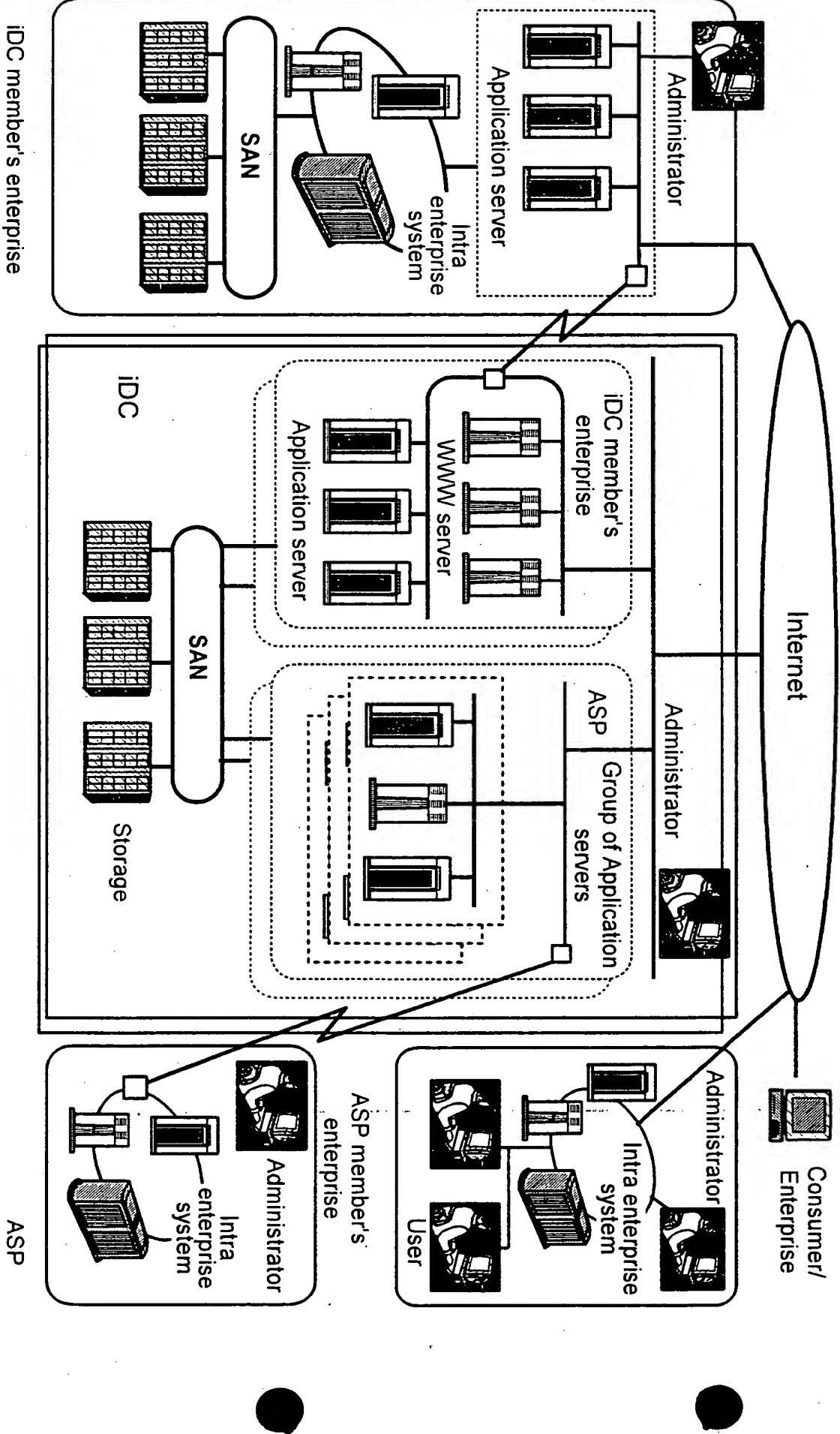


FIG.16

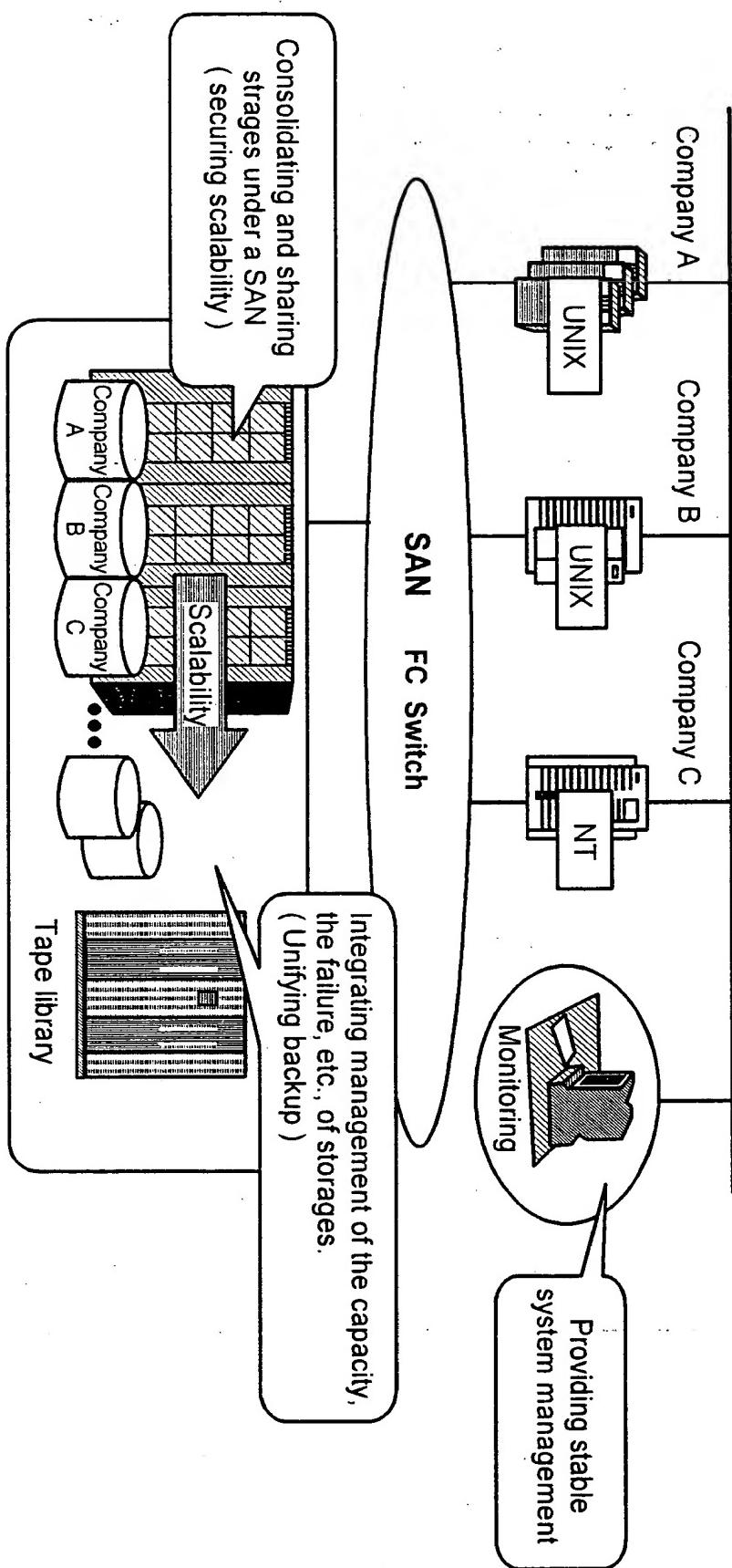
006230 - 0503030

FIG. 17



006250 05090360

FIG.18



006250 05030360

FIG. 19

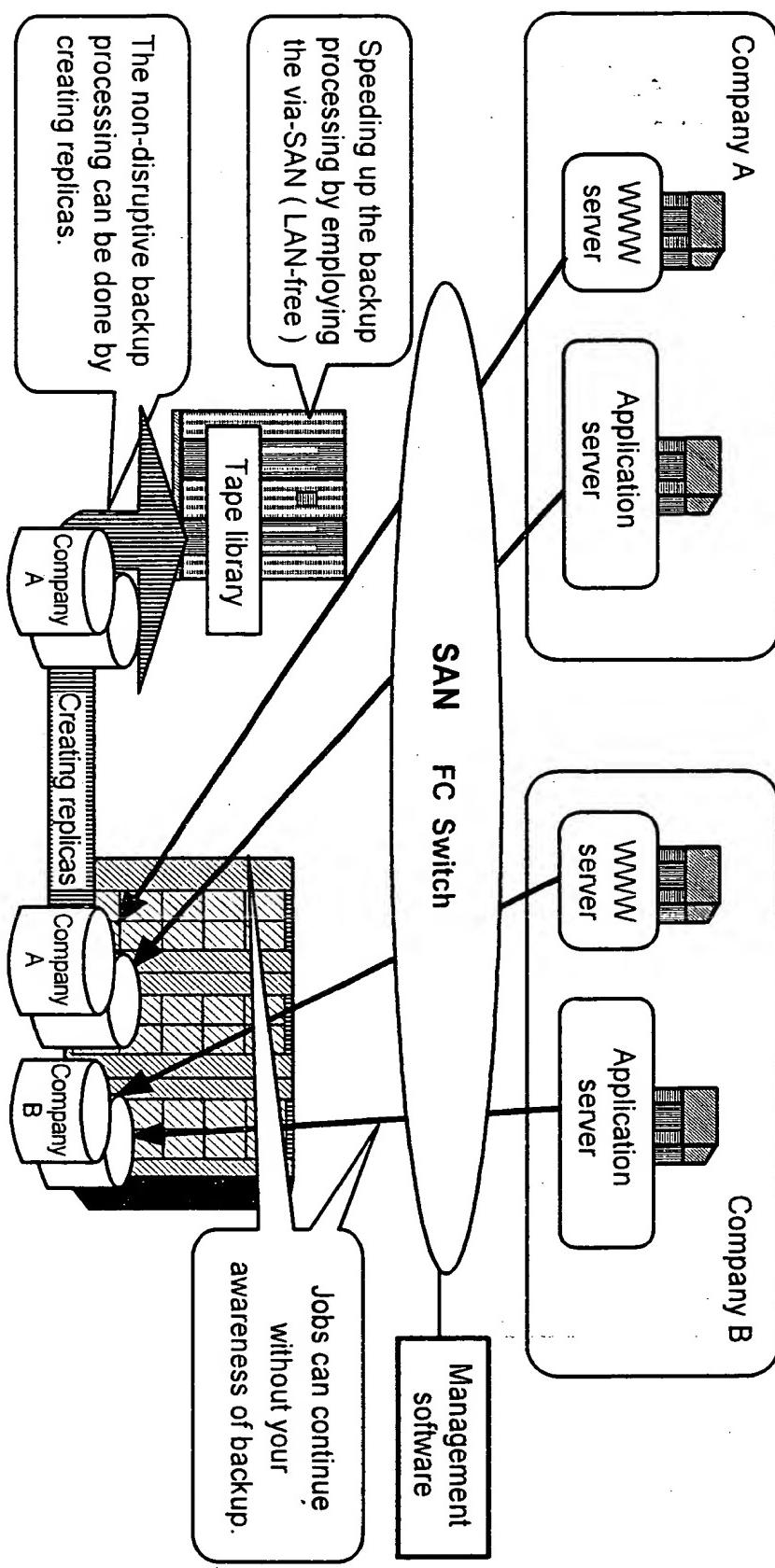
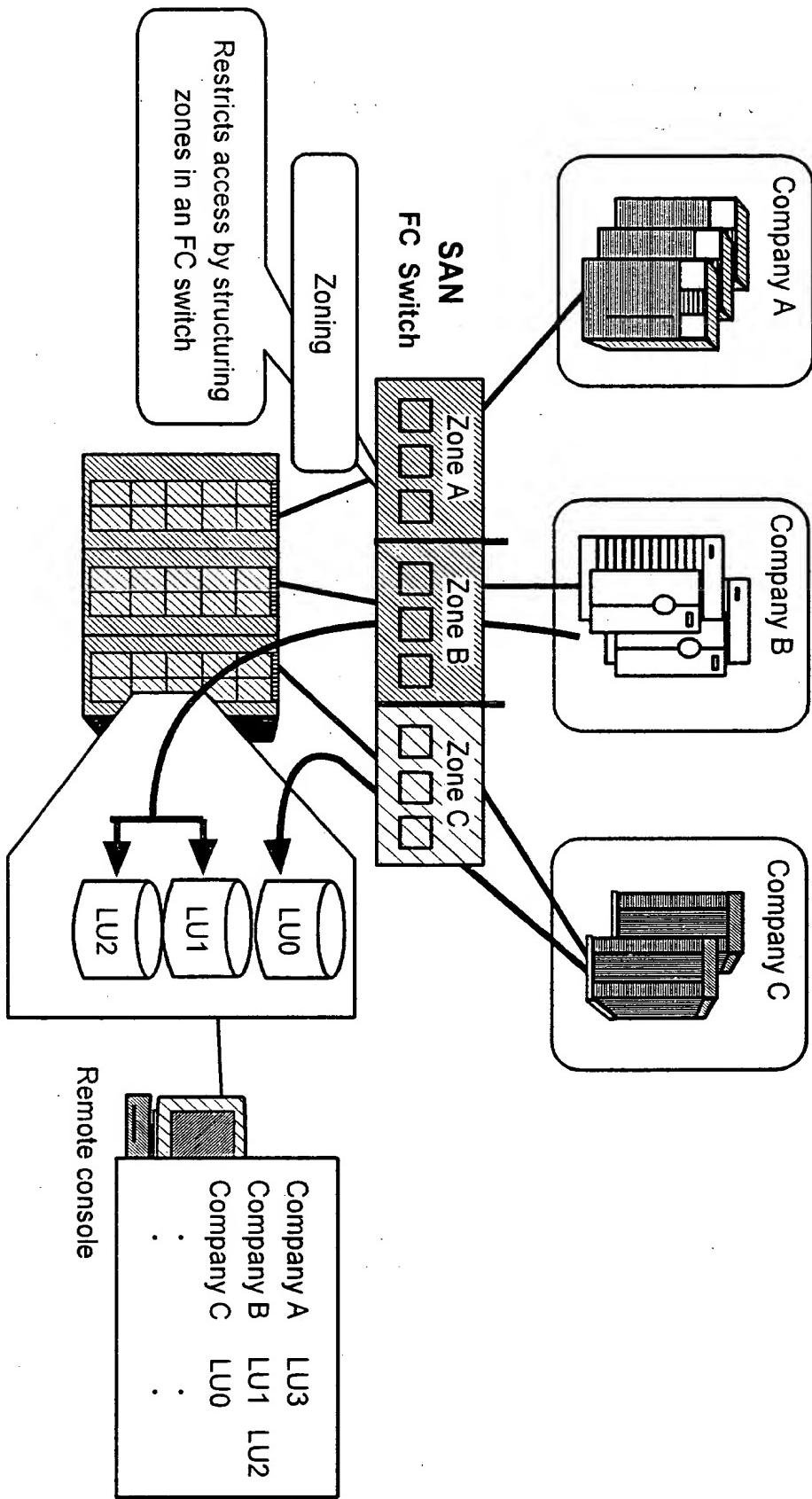


FIG.20



333333 - 333333

FIG.21

